

Converting Colors

Hex(DD00CB)

Have a look what the booklet for
Hex(DD00CB) contains.

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Color

Hex(DD00CB)

Conversions

Conversions Part 1

Format	Color
Hex	DD00CB
RGB	221, 0, 203
RGB Percent	87%, 0%, 80%
CMY	0.1333, 1.0000, 0.2039
CMYK	0.00, 1.00, 0.08, 0.13
HSL	305°, 100%, 43%
HSV	305°, 100%, 87%
XYZ	40.5983, 19.6839, 58.1595
YIQ	89.2210, 66.5530, 109.9850

Conversions

Conversions Part 2

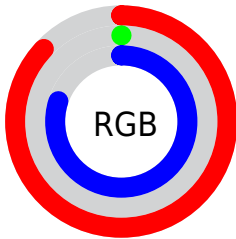
Format	Color
R_{YB}	221, 0, 203
Decimal	14483659
CIE Lab	51.48, 85.70, -45.93
CIE LCh	51, 97.233, 331.810
Yxy	19.6839, 0.3428, 0.1662
Android (android.graphics.Color)	4292673739 (0xFFDD00CB)
YUV	89.2210, 56.0930, 115.5702
Hunter-Lab	44.3666, 85.6974, -46.6658

Details

The Hex color **DD00CB** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **00DD12**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF60FF**, and **A10094** is the 20% darker color. If you saturate the color by 10%, you get **DD00CB**, and if you desaturate by 10%, it is **DD16CD**.

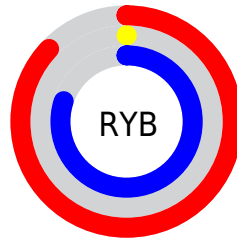
Distribution



Red (87%)

Green (0%)

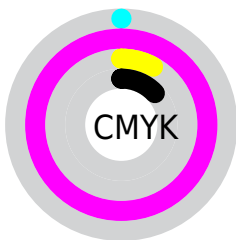
Blue (80%)



Red (87%)

Yellow (0%)

Blue (80%)

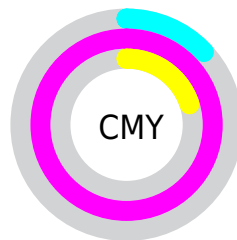


Cyan (0%)

Magenta (100%)

Yellow (8%)

Black (13%)



Cyan (13%)

Magenta (100%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD00CB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color DD00CB by changing the saturation by 10% instead.

 DD00CB

 DD00CB

FFFFFF

 BF00AF

 FF60FF

 A10094

 FF80FF

 84007A

 FF9EFF

 660060

 FFBDFE

 4B0048

 FFD8FF

 2D0030

 FFF9FF

 00001A

 000000

 DD00CB

 DD16CD

 DD2CCF

 DD42D0

 DD58D2

 DD6FD4

 DD85D6

 DD9BD8

 DDB1D9

 DDC7DB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6C61FF



DD00CB



FF007A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DD00CB



917A00



009BD1

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



DD00CB



00DD12

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009A7E



DD00CB



348D00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DD00CB



D15400



00971F



0097FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DD00CB



FF0044



00971F



009BB7

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



DD00CB



FFB3F9



0F00DD



80527C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



DD00CB



FF00EA



DD0060



6E636D



AD009F



2E002A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DD00CB



FF00EA



00DD7D



6E636D



AD009F



2E002A

Previews

White Background



This preview shows how the Hex color DD00CB looks on a white background.

Color Contrast Check

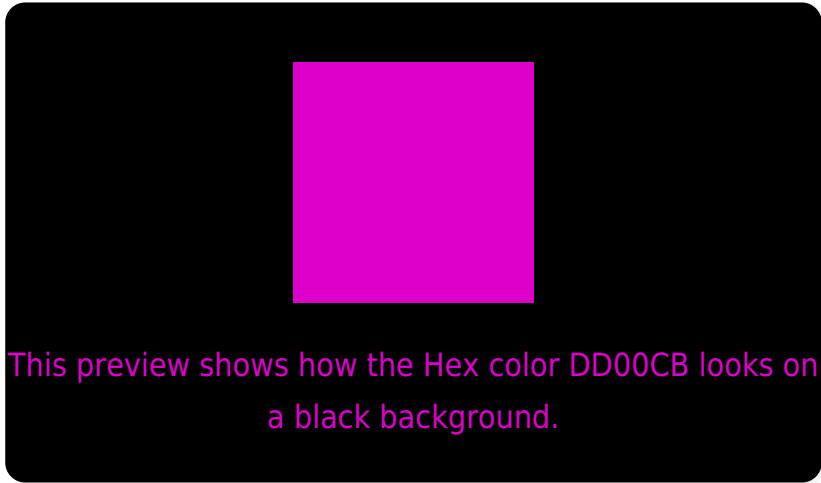
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DD00CB Background



This preview shows how black text looks on a background with the Hex color DD00CB.



This preview shows how white text looks on a background with the Hex color DD00CB.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
DD00CB

Protanopia
0078FE

Deuteranopia
5B7CBF

Trichromacy



Original Color
DD00CB



Protanomaly
504CEB



Deuteranomaly
8A4FC3



Tritanomaly
D53380

Monochromacy



Original Color
DD00CB



Achromatopsia
595959



Achromatomaly
893982

CSS Examples

Text

The CSS property to change the color of the text to Hex DD00CB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #DD00CB looks like.

```
.text, #text, p{  
    color:#DD00CB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #DD00CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD00CB
}
```

Border

The CSS property to change the border of an element to Hex DD00CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DD00CB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#DD00CB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #DD00CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD00CB; -webkit-box-shadow:4px 4px  
4px 4px #DD00CB; box-shadow:4px 4px 4px  
4px #DD00CB }
```

Background

The CSS property to change the background color of an element to Hex DD00CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD00CB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#DD00CB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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